

110TH CONGRESS
1ST SESSION

S. 1059

To amend the Energy Conservation and Production Act to improve Federal building energy efficiency standards, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MARCH 29, 2007

Mrs. CLINTON (for herself and Mr. KERRY) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To amend the Energy Conservation and Production Act to improve Federal building energy efficiency standards, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Zero-Emissions Build-
5 ing Act of 2007”.

1 **SEC. 2. IMPROVEMENT OF FEDERAL BUILDING ENERGY EF-**
 2 **FICIENCY STANDARDS.**

3 (a) STANDARDS.—Section 305(a)(3)(A)(i) of the En-
 4 ergy Conservation and Production Act (42 U.S.C.
 5 6834(a)(3)(A)(i)) is amended—

6 (1) in subclause (I), by striking “and” at the
 7 end;

8 (2) by redesignating subclause (II) as subclause
 9 (III); and

10 (3) by inserting after subclause (I) the fol-
 11 lowing:

12 “(II) the buildings be designed so
 13 that the greenhouse gas emissions (as
 14 measured by the fossil fuel-generated
 15 energy consumption of the buildings)
 16 are reduced, as compared to the fossil
 17 fuel-generated energy consumption by
 18 a similar Federal building during fis-
 19 cal year 2003 (as measured by Com-
 20 mercial Buildings Energy Consump-
 21 tion Survey data from the Energy In-
 22 formation Agency), by the percentage
 23 specified in the following table:

Fiscal Year	Percentage Reduction
2007	50
2010	60

Fiscal Year	Percentage Reduction
2015	70
2020	80
2025	90
2030	100

1 ; and”.

2 (b) APPLICATION TO MAJOR RENOVATIONS.—Section
3 305(a)(3)(A)(i) of the Energy Conservation and Produc-
4 tion Act (42 U.S.C. 6834(a)(3)(A)(i)) is amended—

5 (1) by inserting “and Federal buildings under-
6 going major renovations” after “for new Federal
7 buildings”; and

8 (2) in subclause (III) (as redesignated by sub-
9 section (a)(2)), by inserting “and major renovations
10 of buildings” after “all new and replacement build-
11 ings”.

12 (c) COMPLIANCE.—Section 305(a)(3) of the Energy
13 Conservation and Production Act (42 U.S.C. 6834(a)(3))
14 is amended by adding at the end the following:

15 “(D) COMPLIANCE.—A Federal agency
16 may achieve the energy efficiency performance
17 standards required under this paragraph by im-
18 plementing a building design that uses—

19 “(i) design methods and energy effi-
20 ciency technologies to reduce energy de-

mand, including building orientation, window glazing, light scoops, or skylights;

“(ii) on-site, renewable energy generation technologies, including ground source heat pumps and passive solar or solar photovoltaics; or

“(iii) any of the methods or technologies described in clause (i) or (ii) at Federal facilities not covered by subparagraph (A)(i) to produce energy savings that are in addition to the energy savings required under this paragraph (as in effect prior to the amendments made by section 2 of the Zero-Emissions Building Act of 2007) or planned prior to the date of enactment of that Act.”.

(d) EFFECTIVE DATES.—Section 305(a)(3)(A) of the Energy Conservation and Production Act (42 U.S.C. 6834(a)(3)(A)) is amended by striking “date of enactment of this paragraph” each place it appears and inserting “date of enactment of the Zero-Emissions Building Act of 2007”.

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